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ABSTRACT OF THE DISCLOSURE

5 A CORBA Gateway between CORBA-based applications and an enterprise
manager may be configurable to manage various networked objects, such as printers,
scanners, copiers, telephone systems, cell phones, phone systems, faxes, routers,
switches, etc., which may be interconnected via networks. Various embodiments of the
CORBA Gateway may include an Event Gateway which manages object events. The
CORBA Event Gateway is designed to leverage existing Event Distribution Server (EDS)
sinks to provide EDS filtering functionality and EDS object level access control
10 functionality. The approach leverages existing EDS solutions by providing a common
sink for all events/notifications and using a unique Event Port Registry to manage the
subscriptions of various TMN clients that subscribe for such events/notifications.
Generally, the approach described provides the capability to filter events according to
criteria presented by client event subscriptions. In one embodiment, the events may be
15 filtered to enforce policy-based access control on TMN events/notifications, determining
which CORBA client applications have access to which events. The filtering of events at
the sink based upon client subscriptions decreases unnecessary network traffic in that
events may be "pushed" to the client, rather than delivered upon client request. In
addition, the approach may provide easy-to-use IDL APIs that allow CORBA clients to
20 directly subscribe/unsubscribe to events based on criteria such as object class, object
instance, and event type.

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